

Owner's Manual Wireless Speaker System Model No. SC-NE3

ENGLISH

ESPAÑOL



Thank you for purchasing this product.

Please read these instructions carefully before using this product, and save this manual for future use.

If you have any questions, contact:

U.S.A. and Puerto Rico: 1-800-211-PANA (7262)

Canada: 1-800-561-5505

Register online at www.panasonic.com/register (U.S. customers only)

Included Installation Instructions (→ 2, 3 and 17, 18)

The installation work should be done by a qualified installation specialist.

Before commencing work, carefully read these installation instructions and the operating instructions to ensure that installation is performed correctly.

(Please keep these instructions. You may need them when maintaining or moving this unit.)

La referencia rápida en español se puede encontrar en la página 20.

IMPORTANT SAFETY INSTRUCTIONS

Read these operating instructions carefully before using the unit. Follow the safety instructions on the unit and the applicable safety instructions listed below. Keep these operating instructions handy for future reference.

- 1 Read these instructions.
- 2 Keep these instructions.
- 3 Heed all warnings.
- 4 Follow all instructions.
- 5 Do not use this apparatus near water.
- 6 Clean only with dry cloth.
- 7 Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- 8 Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9 Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- 10 Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- 11 Only use attachments/accessories specified by the manufacturer.
- 12 Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
- 13 Unplug this apparatus during lightning storms or when unused for long periods of time.
- 14 Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.



WARNING

Unit

- To reduce the risk of fire, electric shock or product damage,
 - Do not expose this unit to rain, moisture, dripping or splashing.
 - Do not place objects filled with liquids, such as vases, on this unit.
 - Use only the recommended accessories.
 - Do not remove covers.
 - Do not repair this unit by yourself. Refer servicing to qualified service personnel.

AC power supply cord

- The power plug is the disconnecting device. Install this unit so that the power plug can be unplugged from the socket outlet immediately.

Button-type battery (Lithium battery)

- Risk of fire, explosion and burns. Do not disassemble, heat above 60 °C (140 °F) or incinerate.



DO NOT INGEST BATTERY, CHEMICAL BURN HAZARD

This product contains a coin/button cell battery. If the coin/button cell battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death. Keep new and used batteries away from children. If the battery compartment does not close securely, stop using the product and keep it away from children. If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.

If any electrolyte should come into contact with your hands or clothes, wash it off thoroughly with water.

If any electrolyte should come into contact with your eyes, never rub the eyes. Rinse eyes thoroughly with water, and then consult a doctor.

<For USA-California only>

This product contains a CR Coin Cell Lithium Battery which contains Perchlorate Material – special handling may apply. See www.dtsc.ca.gov/hazardouswaste/perchlorate.

CAUTION

Unit

- Do not place sources of naked flames, such as lighted candles, on this unit.

Placement

- To reduce the risk of fire, electric shock or product damage,
 - Do not install or place this unit in a bookcase, built-in cabinet or in another confined space. Ensure this unit is well ventilated.
 - Do not obstruct this unit's ventilation openings with newspapers, tablecloths, curtains, and similar items.

Button-type battery (Lithium battery)

- Danger of explosion if battery is incorrectly replaced. Replace only with the type recommended by the manufacturer.
- Keep out of reach of children.
- Insert with poles aligned.
- Mishandling of batteries can cause electrolyte leakage and may cause a fire.
 - Remove batteries if you do not intend to use the remote control for a long period of time. Store in a cool, dark place.
 - Do not heat or expose to flame.
 - Do not leave the battery(ies) in a car exposed to direct sunlight for a long period of time with doors and windows closed.
 - Do not touch the terminals (+ and –) with metal objects.
 - Do not recharge, disassemble, remodel, heat or throw into fire.
- When disposing the batteries, please contact your local authorities or dealer and ask for the correct method of disposal.

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About descriptions in this Owner's Manual
• Pages to be referred to are indicated as "→ ○○".
• Unless otherwise indicated, operations are described using the remote control.




CAUTION


RISK OF ELECTRIC SHOCK
DO NOT OPEN



CAUTION : TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE SCREWS. NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.




The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

Product Identification Marking is located on the bottom of the unit.

Android™, Google Play™, Google Chrome™ browser are trademarks or registered trademarks of Google Inc.

-If you see this symbol-

Information on Disposal in other Countries outside the European Union



This symbol is only valid in the European Union. If you wish to discard this product, please contact your local authorities or dealer and ask for the correct method of disposal.

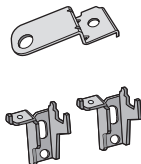
Accessories

Check the supplied accessories before using this unit.

- ☐ **1 Remote control (with a battery)**
(N2QAYC000091)
- ☐ **1 AC power supply cord**
(K2CB2CB00022)

Wall mounting accessories

- ☐ **1 Screw**
(XTB3+8JFJK-J)
- ☐ **1 Safety holder**
(RGQ0660-K)
- ☐ **2 Wall mount brackets**
(RMQX1082-S)



(ONLY FOR CANADA)

The enclosed Canadian French label sheet corresponds to the English display on the top of the unit.



- Do not use AC power supply cord with other equipment.
- Product numbers provided in this Owner's Manual are correct as of February 2013. These may be subject to change.

Unit care

Pull out the AC power plug from the outlet before maintenance.

■ Clean this unit with a soft, dry cloth

- When dirt is heavy, wring a cloth moistened in water tightly to wipe the dirt, and then wipe it with a dry cloth.
- Never use alcohol, paint thinner or benzine to clean this unit.
- Before using chemically treated cloth, carefully read the instructions that came with the cloth.

■ To dispose or transfer this unit

The unit may keep the user settings information in the unit. If you discard this unit either by disposal or transfer, then follow the procedure to return all the settings to the factory presets to delete the user settings.

(→ 15, "To return all settings to the factory preset")

- The operation history may be recorded in the memory of this unit.

About Bluetooth®

Panasonic bears no responsibility for data and/or information that is compromised during a wireless transmission.

■ Frequency band used

- This unit uses the 2.4 GHz frequency band.

■ Certification of this device

- This system conforms to frequency restrictions and has received certification based on frequency laws. Thus, a wireless permit is not necessary.
- The actions below are punishable by law in some countries:
 - Taking apart or modifying the unit.
 - Removing specification indications.

■ Restrictions of use

- Wireless transmission and/or usage with all Bluetooth® equipped devices is not guaranteed.
- All devices must conform to standards set by Bluetooth SIG, Inc.
- Depending on the specifications and settings of a device, it can fail to connect or some operations can be different.
- This system supports Bluetooth® security features. But depending on the operating environment and/or settings, this security is possibly not sufficient. Transmit data wirelessly to this system with caution.
- This system cannot transmit data to a Bluetooth® device.

■ Range of use

- Use this device at a maximum range of 10 m (33 ft). The range can decrease depending on the environment, obstacles or interference.

■ Interference from other devices

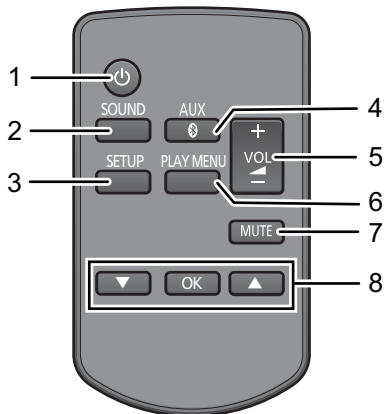
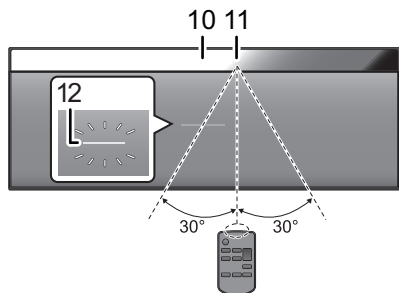
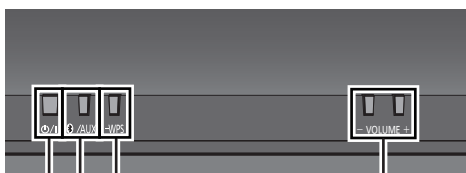
- This unit may not function properly and troubles such as noise and sound jumps may arise due to radio wave interference if this unit is located too close to other Bluetooth® devices or the devices that use the 2.4 GHz band.
- This unit may not function properly if radio waves from a nearby broadcasting station, etc. is too strong.

■ Intended usage

- This unit is for normal, general use only.
- Do not use this system near an equipment or in an environment that is sensitive to radio frequency interference (example: airports, hospitals, laboratories, etc).

Control reference guide

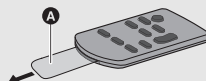
Top view



- 1 Standby/on switch [⏻/⏻] ([⏻])
Press to switch the unit from on to standby mode or vice versa.
In standby mode, the unit is still consuming a small amount of power.
- 2 Enter sound menu
- 3 Enter setup menu
- 4 Select Bluetooth®/AUX
- 5 Adjust the volume (0 (min) to 50 (max))
- 6 Enter the Bluetooth® menu/
Change the sound input level of the external device (→ 6)/
Select the playback mode for AirPlay (→ 11)
- 7 Mute the sound
Mutes the sound. Press again to cancel.
"MUTE" is also canceled when the volume is adjusted or the unit is turned off.
- 8 Selection/OK
- 9 WPS pairing button (→ 8)
- 10 Display
- 11 Remote control signal sensor
Distance: Within approx. 7 m (23 ft) directly in front.
• To avoid interference, please do not put any objects in front of signal sensor.
- 12 Wi-Fi® status indicator

■ Before using for the first time

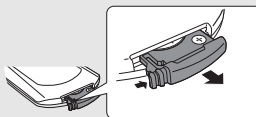
Remove the insulation sheet **A**.



■ To replace a button-type battery

Battery type: CR2025 (Lithium battery)

①

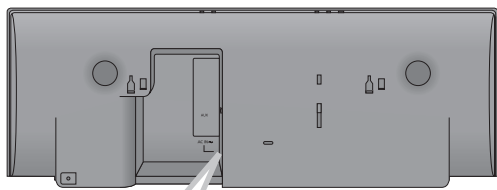


②



- Set the button-type battery with its (+) mark facing upward.
- Keep the button-type battery out of reach of children to prevent swallowing.

Connections

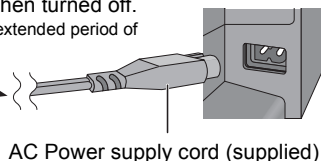


Connect the AC power supply cord.

This unit consumes a small amount of AC power (→ 19) even when turned off.

- In the interest of power conservation, if you will not be using this unit for an extended period of time, unplug it from the household AC outlet.

To a household AC outlet

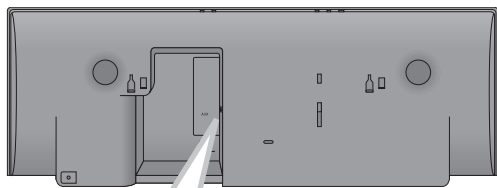


AC Power supply cord (supplied)



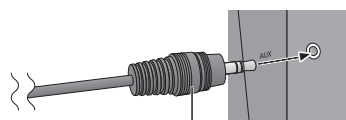
- These speakers do not have magnetic shielding. Do not place them near a television, personal computer or other devices easily influenced by magnetism.
- When this unit is turned on for the first time after purchase, a message prompting you to connect a Bluetooth® device ("PAIRING") is displayed. (→ 12)

Additional Connection



Connect an external music device (for AUX mode).

- ① Plug the audio cable (not supplied) into the AUX jack.
Plug type: Ø3.5 mm (1/8") stereo
- ② Press [Ⓢ, AUX] to select "AUX" and start playback on the connected device.



Audio cable (not supplied)

■ To select the sound input level of the external device

- ① While in "AUX" mode, press [PLAY MENU] repeatedly to select "INPUT LEVEL" and then press [OK].
- ② Press [▲, ▼] to select "NORMAL" or "HIGH".
 - The default setting is "NORMAL".



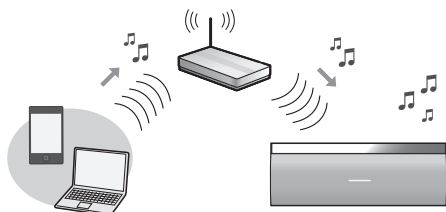
- Switch the equalizer off or turn the volume of the external device down to reduce the input signal. High level of input signal will distort the sound.
- For details, refer to the instruction manual of the other equipment.
- The cables and the devices are not supplied.

Network settings

You can wirelessly stream music from an iOS device (iPhone, iPod, iPad), an Android device or a Mac/PC to this unit's speakers by using the AirPlay or DLNA feature.

To use these features, this unit must join the same 2.4 GHz wireless network as the AirPlay compatible device or the DLNA compatible device.

- It is also possible to use AirPlay without a wireless network router. (→ 10, "Directly streaming to this unit (AirPlay)")



Compatible AirPlay devices

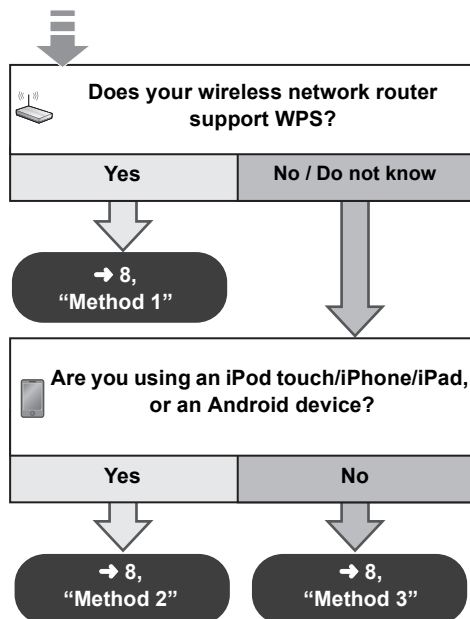
iOS 4.3.3 or later
iPod touch 3rd, 4th, and 5th generation
iPhone 5 / iPhone 4S / iPhone 4 / iPhone 3GS
iPad (3rd, and 4th generation) / iPad 2 / iPad
iPad mini
iTunes 10.2.2 or later (Mac / PC)

(as of February 2013)

Preparation

- Place this unit close to the wireless network router.

- Turn this unit on.
- Follow the chart below to choose the network setting method.



- If you want to apply the advanced setting, or you want to perform wireless setting with your Mac/PC, try "Method 3" on page 8.

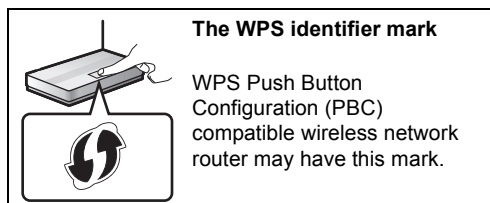


- To cancel this setting in the middle, press [⏻] to turn off the unit.
- Simultaneous use with other 2.4 GHz devices, such as microwaves, cordless telephones, etc., may result in connection interruptions.
- For up to date compatibility information on your wireless network router refer to <http://panasonic.jp/support/global/cs/> (This site is in English only.)

Method 1

If your wireless network router supports WPS (Wi-Fi Protected Setup™).

■ Using the WPS Push Button Configuration (PBC)



- 1 Press and hold **[– WPS]** on the unit.
↳ “WPS” flashes on the display.
(The Wi-Fi status indicator blinks blue.)
 - Complete step 2 within 2 mins.
- 2 After “WPS” is indicated, press the WPS button on the wireless network router.
- 3 The unit's settings are completed when “**SUCCESS**” is displayed and the Wi-Fi status indicator **stops blinking** and **lights in blue**.

“FAIL” may be displayed if the connection was not made within the set time limit. Try the setting again. If “FAIL” is still displayed, try other methods.

- 4 Press **[OK]** on the remote control to exit the setting.



- To use the WPS PIN code, refer to the notes on page 9.

Method 2

Setting the network connection with the smartphone app.

You can make the wireless network settings with the app, “Panasonic Stereo System Network Setup” (for free). If you're using an Android device, download the app at the Google Play Store. If you're using an iPod touch/iPhone/iPad, download it at the App Store.

Preparation

- Connect your smartphone to your home wireless network.
- Check the password for your home wireless network.

- 1 Press **[SETUP]** on the remote control repeatedly to select “**NET SETUP**” and then press **[OK]**.
↳ “SETTING” is indicated on the display.
(The Wi-Fi status indicator blinks purple.)
- 2 Start “**Panasonic Stereo System Network Setup**” on your smartphone and follow the indications.

■ Note for the iOS version

After step 2

- 1 Enter the password for the home wireless network to which the iOS device is connected.
- 2 When a message instructing you to connect the iOS device to this unit is displayed, press the home button to close the app.
- 3 On the Wi-Fi network selection screen in “Settings”, select “00 Setup _____”.
 - “_” stands for a digit that is unique to each set.



- 4 When a message indicating the completion of the connection to this unit is displayed, restart the app.



- 5 When a message indicating the completion of the Wi-Fi setup of this unit is displayed, close the app, and then check the operation of AirPlay, etc.



- “Panasonic Stereo System Network Setup” for Mac OS is also available at the App Store.

Method 3

Setting the network connection from an Internet browser.

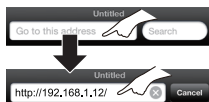
With this method, you will access this unit's wireless network settings from the Internet browser of your compatible device.

- The following explanations are based on an iPhone.

- 1 Press **[SETUP]** on the remote control repeatedly to select “**NET SETUP**” and then press **[OK]**.
↳ “SETTING” is indicated on the display.
(The Wi-Fi status indicator blinks purple.)
- 2 After “SETTING” is indicated, connect your compatible device to this unit's wireless network named “**00 Setup _____**”.
 - “_” stands for a digit that is unique to each set.
 - Make sure that DHCP is enabled for the network setting on your compatible device.



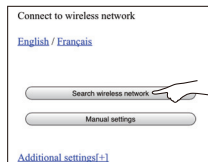
- 3 Start the Internet browser on your compatible device and type “<http://192.168.1.12/>” into the URL address field and display the page.



↳ This unit's setup window is displayed.

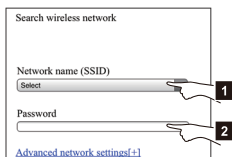
- **Examples of Internet browsers**
iOS device/Mac : Safari
Android device : Google Chrome browser
PC : Windows Internet Explorer

- 4 Select “**Search wireless network**”.



- 5 Select and input the details.

- Check your **home wireless network name** (Network name (SSID)) and **password** for this network. This can often be found on the wireless network router itself.



- 1 Select your **home wireless network name**.^{*1}
- 2 Type the **password**.

- 6 Select “**JOIN**” to apply the settings.

- In the pop-up screen, select “OK” to continue.
– Select “Cancel” to return to the setup window.

- 7 The unit's settings are completed when “**SUCCESS**” is displayed and the Wi-Fi status indicator **stops blinking** and **lights in blue**.

If “**FAIL**” is displayed press [OK], check the wireless network password and other settings and start again from step 1.

- 8 Make sure to connect your compatible device back to your **home wireless network**.

^{*1} If you have set your wireless network to be invisible, select “BACK” and refer to “Alternative settings”.

Advanced network settings

- The below settings are the alternative or additional settings for “Method 3”. (→ 8)

Alternative settings

Instead of steps 4 and 5

Select “**Manual settings**”.

- 1 Type your **home wireless network name** into the “Network name (SSID)” field.
- 2 Select the **encryption method** from the “Security system” drop down list.
- 3 Type the **password** into the “Password” field and then select “JOIN”.

Additional settings

If your home wireless network has been configured to use specific IP Addresses, Subnet Mask, Default Gateway, Primary DNS, etc.

Before step 6

Select “**Advanced network settings**”.

- ↳ Input the required addresses into each field and select “JOIN”.
- To change the settings back to DHCP, select “ON” from the “DHCP” drop down list.

If you want to change the name of this unit that is displayed as the AirPlay speakers or DLNA renderer.

Before step 4

Select “**Additional settings**”.

- 1 Select “**Edit STEREO SYSTEM name**”.
 - 2 Type a new name into the “STEREO SYSTEM name” field.
↳ Only ASCII characters can be used.
 - 3 Select “**OK**”.
 - 4 If this unit is already connected to your home wireless network:
– Select “**Additional settings**” and then select “**Exit**”.
- If this unit is not connected to your home wireless network:
– Continue to **step 4** of “Method 3”.




- Enable Java and Cookies in your browser settings.
- This unit can also be set using the WPS PIN code. Replace step 2 of “Method 1” with the following steps. (Before starting, refer to the wireless network router's operating instructions for details on how to enter the PIN code.)

- 1 While “WPS” is flashing press and hold [– WPS] again to display the 8 digit PIN code.
↳ Wi-Fi status indicator blinks purple.
- 2 Enter the PIN code into the wireless network router.

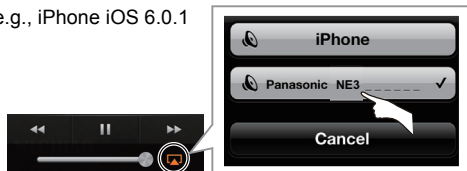
Using AirPlay with this unit's speakers

Preparation

- Complete the network settings. (→ 7)
- Connect the iOS device or Mac/PC to the same **home wireless network** as this unit.

- 1 Turn the unit on.
 - Check that the Wi-Fi status indicator **lights in blue**.
 - If it doesn't light in blue, check the wireless network settings. (→ 7)
- 2 iOS device: Start the **"Music"** (or iPod) app.
Mac/PC: Start **"iTunes"**.
 - If the Music app on your iOS device is used, select the audio file you want to play.
- 3 Select **"Panasonic NE3 _ _ _ _ _"**^{*1,2} from the AirPlay  icon.
 - ↳ Check the volume settings before starting the playback. (When AirPlay is used for the first time, the volume may be output at the maximum setting.)

e.g., iPhone iOS 6.0.1



e.g., iTunes 11.0



- 4 Start play.
 - The playback will start with a slight delay.



- This unit can be set to turn on automatically when this unit is selected as the output speakers. (→ 13)
- Playback of other audio sources will stop and AirPlay output will have priority.
- Volume changes on the iOS device or iTunes will be applied to this unit. (Refer to the iTunes Help for the required settings in iTunes.)
- With some iOS and iTunes versions, it may not be possible to restart the AirPlay playback if the selector is changed (e.g., "AUX") or the unit is turned off, during the AirPlay playback. In this case, select a different device from the AirPlay icon of the Music App or iTunes and then re-select this unit as the output speakers.
- AirPlay will not work when playing back videos on iTunes.

*1: " _ " stands for a digit that is unique to each set.

*2: The name that is displayed for this unit can be changed from the "Edit STEREO SYSTEM name" settings. (→ 9, "Advanced network settings")

Directly streaming to this unit (AirPlay)

With this function set to "ON", you can stream music from the iOS device or Mac / PC (iTunes 10.2.2 or later) to this unit without the need of a wireless network router.

- Previous network settings will be deleted when this function is set to "ON".
- The following explanations are based on an iPhone.

- 1 Press [SETUP] repeatedly to select "D.CONNECT".
- 2 Press [▲, ▼] to select "ON" and then press [OK].
- 3 Press [▲, ▼] to select "OK? YES" and then press [OK].

"PW _ _ _ _ _"^{*1} is displayed.

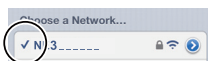
The 5 digits after "PW" is the password for this network.

- 4 Connect your iPhone to this unit's wireless network named "NE3 _ _ _ _ _"^{*2}.



- 5 Enter the password that is indicated on this unit's display.

- 6 Once the iPhone is connected to this unit's wireless network, the setup is completed.



- 7 Continue to step 2 of "Using AirPlay with this unit's speakers".



- This setting is reset to "OFF" when other network settings are performed. (→ 7)
- When "D.CONNECT" is set to "ON", this unit will not be connected to the Internet. It is not possible to update the software or check the Wi-Fi signal strength.
- When AirPlay is not being used, disconnect the AirPlay compatible device from this network.
- When using a computer on this network, make sure that all the shared files are encrypted.
- This feature is only compatible with the "Open System" authentication method. It is not compatible with "Shared Key" authentication method.

*1: " _ " stands for a digit.

*2: " _ " stands for a digit that is unique to each set.

Display the password

The first time "D.CONNECT" is set to "ON", a password for this unit's wireless network is randomly created and memorized in this unit.

- This password is memorized until it is changed.
- 1 While "D.CONNECT" is set to "ON":
Press [SETUP] repeatedly to select "D.CONNECT".
 - 2 Press [▲, ▼] to select "ON" and then press [OK].
 - 3 The current password is displayed.
 - The 5 digits after "PW" is the password for this network.
 - 4 Press any button to exit.

Change the password

- 1 While "D.CONNECT" is set to "OFF":
Press [SETUP] repeatedly to select "D.CONNECT".
- 2 Press [▲, ▼] to select "CHANGE PW" and then press [OK].
- 3 Press [▲, ▼] to select "OK? YES" and then press [OK].
- 4 The new password is displayed.
 - The 5 digits after "PW" is the new password for this network.
- 5 Press any button to exit.

Note about changing the password

After changing this unit's wireless network password, if you are not prompted to change the password on the other devices, the following changes are required.

iOS device (iPod touch/iPhone/iPad)*1:

- Before choosing this unit's network,
- 1 Select [🔍] located beside this unit's wireless network name.
 - 2 Select "Forget this Network" and then select "Forget".
 - 3 Select this unit's wireless network and enter the new password.

Mac/PC:

- If the computer has memorized the old password, be sure to change the memorized password for this unit's wireless network to the new one.



- Refer to the devices's operating instructions for details.

*1: Steps are based on iOS 6.0.1.

Playback modes

Select the playback mode. Perform the settings during playback.

REPEAT

- 1 Press [PLAY MENU] to select "REPEAT".
- 2 Press [▲, ▼] to repeat one track, all tracks, etc.

SHUFFLE

- 1 Press [PLAY MENU] to select "SHUFFLE".
- 2 Press [▲, ▼] to turn on/off the shuffle function.



- Refer to the connected device to verify the selected setting.
- The applied settings will remain until it is changed.

Playing back music files on the DLNA server

You can share music files stored in the DLNA Certified media server (PC with Windows 7 installed, smartphone, etc.) connected to your home wireless network, and enjoy the contents with this unit's speaker.

Preparation

- Complete the network settings. (→ 7)
- Connect your device with DMC (Digital Media Controller) compatible software installed to the same **home wireless network** as this unit.
- Add the contents and folder to the libraries of the Windows Media® Player or the smartphone, etc.
 - Playlist of Windows Media® Player can play back only the contents that are stored in the libraries.

- 1 Turn the unit on.
 - Check that the Wi-Fi status indicator **lights in blue**.
 - If it doesn't light in blue, check the wireless network settings. (→ 7)
- 2 Operate the DMC compatible device and connect to this unit.
 - The device name of this unit will be displayed as "Panasonic NE3 _ _ _ _ _" *1, 2.
 - For details on how to use DMC compatible devices, refer to the operating instructions of the devices or the software.

Support format of DLNA client

File formats that are not supported by your DLNA server cannot be played.

Audio codec	Example of file extension
MP3	.mp3
WAV	.wav



- Depending on the contents and the connected equipment, playback may not be possible.

*1: " _ " stands for a digit that is unique to each set.

*2: The name that is displayed for this unit can be changed from the "Edit STEREO SYSTEM name" settings. (→ 9, "Advanced network settings")

Bluetooth® operations

By using the Bluetooth® connection, you can listen to the sound from the Bluetooth® audio device from this unit wirelessly.

- Refer to the operating instructions of the Bluetooth® device for details.

Pairing Bluetooth® devices

Preparation

- Turn on the Bluetooth® feature of the device and place the device near this unit.
- If this unit is already connected to a Bluetooth® device, disconnect it.

- 1 Press [F], [AUX] to select "BLUETOOTH".
 - If "PAIRING" is indicated on the display, go to step 3.
- 2 Press [PLAY MENU] to select "NEW DEV." and then press [OK].
 - ↳ "PAIRING" is indicated on the display.
- 3 Select "SC-NE3" from the Bluetooth® device's Bluetooth® menu.
- 4 Start play on the Bluetooth® device.



- If prompted for the passkey, input "0000".
- You can register up to 8 devices with this unit. If a 9th device is paired, the device that has not been used for the longest time will be replaced.

Connecting a paired Bluetooth® device

Preparation

- Turn on the Bluetooth® feature of the device and place the device near this unit.
- If this unit is already connected to a Bluetooth® device, disconnect it.

- 1 Press [F], [AUX] to select "BLUETOOTH".
 - ↳ "READY" is indicated on the display.
- 2 Select "SC-NE3" from the Bluetooth® device's Bluetooth® menu.
 - ↳ The name of the connected device is indicated on the display for 2 seconds.
- 3 Start play on the Bluetooth® device.



- This unit can only be connected to one device at a time.
- When "BLUETOOTH" is selected as the source, this unit will automatically try and connect to the last connected Bluetooth® device.
- The Bluetooth® device will be disconnected if "AUX" is selected as an audio source.

Bluetooth® transmission mode

You can change the transmission speed to prioritize transmission quality or sound quality.

Preparation

- Press [F], [AUX] to select "BLUETOOTH".
- If a Bluetooth® device is already connected, disconnect it.

- 1 Press [PLAY MENU] repeatedly to select "LINK MODE".
- 2 Press [▲], [▼] to select the mode and then press [OK].
 - MODE 1:** Emphasis on connectivity
 - MODE 2:** Emphasis on sound quality



- The default setting is "MODE 1".

Bluetooth® input level

If the sound input level of the Bluetooth® transmission is too low, change the input level setting.

Preparation

- Connect a Bluetooth® device.

- 1 Press [PLAY MENU] repeatedly to select "INPUT LEVEL".
- 2 Press [▲], [▼] to select the level and then press [OK].
 - "LEVEL 0" ↔ "LEVEL +1" ↔ "LEVEL +2"



- Select "LEVEL 0" if the sound is distorted.
- The default setting is "LEVEL 0".

Disconnecting a Bluetooth® device

- 1 While a Bluetooth® device is connected: Press [PLAY MENU] to select "DISCONNECT?".
- 2 Press [▲], [▼] to select "OK? YES" and then press [OK].

Sound adjustment

The following sound effects can be added to the audio output.

- 1 Press [SOUND] repeatedly to select the effect.
- 2 Press [▲, ▼] to select the setting and then press [OK].

Direct-Vocal Surround (D.SURROUND)	"LEVEL 1", "LEVEL 2" or "OFF". • The factory preset is "OFF".
Preset EQ (PRESET EQ)	"HEAVY" (heavy), "SOFT" (soft), "CLEAR" (clear), "VOCAL" (vocal) or "FLAT" (flat/off). • The factory preset is "HEAVY".
Bass (BASS) or Treble (TREBLE)	Adjust the level (−4 to +4).
Dynamic Bass (D.BASS)	"ON D.BASS" or "OFF D.BASS". • The factory preset is "ON D.BASS".

- You may experience a reduction in sound quality when these effects are used with some sources. If this occurs, turn the sound effects off.

Others

Sleep timer

The sleep timer can turn the unit off after a set time.

- 1 Press [SETUP] to select "SLEEP".
- 2 Press [▲, ▼] to set the time (in minutes) and then press [OK].

"SLEEP 30" ↔ "SLEEP 60" ↔ "SLEEP 90" ↔ "SLEEP 120"
 ↑ "OFF" (Cancel) ↓

- The remaining time is indicated on the unit's display except when other operations are performed.

Display brightness

The brightness of this unit's display can be changed.

- 1 Press [SETUP] repeatedly to select "DIMMER".
- 2 Press [▲, ▼] to select "ON" and then press [OK].



- To cancel the dimmer, select "OFF" in step 2.

Automatic standby

As a factory preset, this unit will always turn off automatically if there is no sound output and no operation for approx. 30 minutes.

To cancel this function

- 1 Press [SETUP] repeatedly to select "AUTO OFF".
- 2 Press [▲, ▼] to select "OFF" and then press [OK].



- To turn automatic standby on, select "ON" in step 2.
- When connected to a Bluetooth® device, the automatic standby function does not work.

Wi-Fi signal strength

To check the Wi-Fi signal strength where the unit is located.

Preparation

Connect this unit to the wireless network. (→ 7)

- 1 Press [SETUP] repeatedly to select "SIG.LEVEL" and then press [OK].
 • The unit's display shows "LEVEL □".
 ("□" stands for a number.)
- 2 Press [OK] to exit this display mode.



- It is recommended to have a signal strength of "3". Change the position or angle of your wireless network router or the unit if the indication is "2" or "1" and see if the connection improves.
- If "LEVEL 0" is displayed, this unit cannot establish a link with the wireless network router. (→ 16)
- This function does not work when "D.CONNECT" is set to "ON".

Network standby

This unit can turn on automatically from standby mode when this unit is selected as the AirPlay speakers.

Preparation

Connect this unit to the wireless network. (→ 7)

- 1 Press [SETUP] repeatedly to select "NET STNBY" and then press [OK].
- 2 Press [▲, ▼] to select "ON" and then press [OK].



- To cancel this function, select "OFF" in step 2.
- The factory preset is "OFF". If this function is set to "ON" the standby power consumption will increase.

Software update

Occasionally, Panasonic may release updated software for this unit that may add or improve the way a feature operates. These updates are available free of charge.

Preparation

- Turn the unit on.
- Connect this unit to the wireless network. (→ 7)
 - Make sure that the wireless network is connected to the Internet.
 - If “D.CONNECT” is set to “ON”, change the setting to “OFF” and connect this unit to a wireless network that is connected to the Internet.

- 1 Press [SETUP] repeatedly to select “SW UPDATE” and then press [OK].
- 2 Press [▲, ▼] to select “UPDATE? Y” and then press [OK] to start the update.

DO NOT DISCONNECT the AC power supply cord while one of the following messages is displayed.

- “LINKING”, “UPDATING” or “□□□%” (“□” stands for a number.)
- During the update process, no other operations can be performed.

- 3 When the update has finished successfully, “SUCCESS” is displayed.

- 4 Disconnect the AC power supply cord and reconnect it after 3 minutes.

- Downloading will require several minutes. It may take longer or may not work properly depending on the connection environment.



- If you do not want to update the unit, select “UPDATE? N” and then press [OK] in step 2.
- If there are no updates, “NO NEED” is displayed after step 2.

Checking the software version

- 1 Press [SETUP] repeatedly to select “SW VER.” and then press [OK].
 - ↳ The version of the installed software is displayed.
- 2 Press [OK] to exit.

Wireless network name (SSID)

Display the name for the connected wireless network (SSID).

- 1 Press and hold [– WPS] on the unit and [OK] on the remote control until the unit's display shows the SSID.
- 2 Press [OK] to exit.



- If “NOCONNECT” is displayed this unit is not connected to a wireless network.
- All letters are displayed as capital letters, and characters that cannot be displayed are replaced with “*”.

IP/MAC Address

To check the unit's IP address or the Wi-Fi MAC address.

- 1 Press and hold [– WPS] on the unit and [▼] on the remote control until the unit's display shows the IP address.
 - ↳ The IP address is partially displayed.
 - To display the MAC address on the unit, repeat the steps above by replacing [▼] with [▲].
- 2 Press [▲, ▼] on the remote control to show the rest of the IP address.



- To exit the setting, wait 20 sec.
- The “–” displayed on the top or bottom left of the display indicate the first and last units respectively.

Changing the unit and remote control code

When other Panasonic equipment responds to the supplied remote control, change the remote control code.

- 1 Press [Ⓢ, AUX] to select “AUX”.
- 2 While pressing and holding [Ⓢ / AUX] on the unit, press and hold [SOUND] on the remote control until the unit's display shows “REMOTE 2”.
- 3 Press and hold [OK] and [SOUND] on the remote control for at least 4 seconds.



- To change the mode back to “REMOTE 1”, repeat the steps above but replace the button pressed on the remote control from [SOUND] to [Ⓢ, AUX].

Troubleshooting

Before requesting service, make the following checks. If you are in doubt about some of the check points, or if the solutions indicated in the following guide do not solve the problem, refer to "Customer Services Directory (United States and Puerto Rico)" on page 21 if you reside in the U.S.A. or Puerto Rico, or refer to "Limited Warranty (ONLY FOR CANADA)" on page 22 if you reside in Canada.

To return all settings to the factory preset

When the following situations occur, reset the memory:

- There is no response when buttons are pressed.
- You want to clear and reset the memory contents.

- ① Disconnect the AC power supply cord. (Wait for at least 3 minutes before proceeding to step ②.)
- ② While pressing and holding down [⏻/I] on the unit, reconnect the AC power supply cord.
 - Keep holding down [⏻/I] until "-----" appears on the display.
- ③ Release [⏻/I].



- All the settings are returned to the factory preset. You will need to reset the memory items.

Do you have the latest software installed?

- Occasionally, Panasonic may release updated software for this unit that may add or improve the way a feature operates. (→ 14)

Common problems

Humming heard during play.

- An AC power supply cord or fluorescent light is near the cords. Keep other appliances and cords away from this unit's cables.

AirPlay operations

Cannot connect to the network.

- Confirm the network connection and settings. (→ 7)
- Your wireless network might be set to be invisible. In this case select "Manual settings" in "Method 3". (→ 9)
- This unit cannot join a wireless network using WEP security settings with the WPS methods ("Method 1"). Use "Method 3" to join the wireless network. (→ 8)
- Make sure that the multicast function on the wireless network router is set to on (enabled).
- When "D.CONNECT" is used, if the password for "D.CONNECT" has been changed connect the other device to this unit using the new password. (→ 10)

Cannot connect to the unit.



- Display the wireless network name that this unit is connected to and make sure that the device is connected to the same network. (→ 7, 14)
- If "NET STNBY" is set to "OFF", the AirPlay compatible device cannot be connected when this unit is off.
- Turn off the Wi-Fi setting on the AirPlay compatible device, set "NET STNBY" to "OFF" (→ 13) and then turn this unit off and on. Reconnect the compatible device to the Wi-Fi network and then select this unit as the AirPlay speakers again.

My wireless network router is WPS PBC compatible, but the pairing does not work.

- If the network is set to be invisible, the push button configuration does not work. In this case, either make the wireless network visible while you set up the network for this unit or use "Method 2" or "Method 3". (→ 8)

Playback does not start.

The sound is interrupted.

- Simultaneous use with other 2.4 GHz devices, such as microwaves, cordless telephones, etc., may result in connection interruptions.
Increase the distance between this unit and these devices.
- Do not place this unit inside a metal cabinet, for it might block the Wi-Fi signal.
- Place this unit closer to the wireless network router.
- If "D.CONNECT" is set to "ON", place the AirPlay compatible device closer to this unit.
- If several wireless devices are simultaneously using the same wireless network as this unit, try turning off the other devices or reducing their wireless network usage.
- If the playback stops, check the playback status on the iOS device or iTunes.
- If play does not start (even though the Wi-Fi status indicator lights in blue and the AirPlay  icon is displayed), restart the wireless network router, turn the Wi-Fi connection on the iOS device or Mac/PC off and on, and then make sure that your home wireless network is selected.
- If the AirPlay  icon is not displayed even if Wi-Fi status indicator lights in blue, try restarting the wireless network router.
- With some iOS and iTunes versions, it may not be possible to restart the AirPlay playback if the selector is changed (e.g., "AUX") or the unit is turned off, during the AirPlay playback.
In this case, select a different device from the AirPlay icon of the Music App or iTunes and then re-select this unit as the output speakers. (→ 10)

Bluetooth®

Pairing cannot be done.

- Check the Bluetooth® device condition.

The device cannot be connected.

- The pairing of the device was unsuccessful or the registration has been replaced. Try pairing the device again.
- This unit might be connected to a different device. Disconnect the other device and try pairing the device again.

The device is connected but audio cannot be heard through this unit.

- For some built-in Bluetooth® devices, you have to set the audio output to "SC-NE3" manually. Read the operating instructions for the device for details.

The sound is interrupted.

- The device is out of the 10 m (33 ft) communication range. Bring the Bluetooth® device closer to this unit.
- Remove any obstacle between this unit and the device.
- Other devices that use the 2.4 GHz frequency band (wireless router, microwaves, cordless phones, etc.) are interfering. Bring the Bluetooth® device closer to this unit and distance it from the other devices.
- Select "MODE 1" for stable communication. (→ 12)

Remote control

The remote control doesn't work properly.

- The remote control and this unit are using a different code. (→ right, "REMOTE □")
- Is the battery depleted or is the battery inserted incorrectly? (→ 5)

Messages

The following messages or service numbers may appear on the unit's display.

"AUTO OFF"

- The unit has been left unused for about 30 minutes and will shut down within a minute. Press any button to cancel it.

"DL ERROR"

- The software download has failed. Press any button to exit. Please try again later.
- The server cannot be found. Press any button to exit. Make sure that the wireless network is connected to the Internet.

"DIMMER"

- Appears 10 seconds after the volume is turned to "0".

"ERROR"

- Incorrect operation is performed. Read the instructions and try again.

"F □□" ("□" stands for a number.)

- There is a problem with this unit. Note down the displayed number, disconnect the AC power supply cord and consult your dealer.

"FAIL"

- Updating or setting has failed. Read the instructions and try again.

"LEVEL 0"

- There is no link between this unit and the wireless network router.
Try the following operations:
 - Check that the wireless network router is turned on.
 - Turn this unit off and on again.
 - Reset the wireless network settings. (→ 7)If the problem persists, consult your dealer.

"LEVEL —"

- When "D.CONNECT" is set to "ON" the Wi-Fi signal strength cannot be checked. To check the Wi-Fi signal strength from the wireless network router, set "D.CONNECT" to "OFF". (→ 10)

"LINKING"

- This unit is communicating with the wireless network router to complete the network settings. Depending on the wireless network router this process may take a few minutes. Try moving this unit closer to the wireless network router.

"NOCONNECT"

- This unit is not connected to the network. Check the network connection. (→ 7)

"REMOTE □" ("□" stands for a number.)

- The remote control and this unit are using different codes. Change the code on the remote control.
 - When "REMOTE 1" is displayed, press and hold [OK] and [Ⓜ, AUX] for more than 4 seconds.
 - When "REMOTE 2" is displayed, press and hold [OK] and [SOUND] for more than 4 seconds.

Attaching the unit to a wall (optional)

This unit can be wall mounted using the supplied wall mount brackets, etc. Make sure that the screw used and the wall are strong enough to support the weight of at least 33 kg (72.8 lbs).

The screws and other items are not supplied as the type and size will vary with each installation.

- Refer to step 2 of “Wall mount instructions” for details about the required screws.
- Be sure to attach the fall prevention cord as a secondary safety measure.

Installation accessories

Supplied accessories

- 1 Safety holder
- 1 Screw
- 2 Wall mount brackets

Additionally required accessories (commercially available)

- 4 Wall mount bracket fixing screws
- 1 Safety holder fixing screw
- 1 Fall prevention cord*
- 1 Screw eye

* Use a cord that is capable of supporting over 33 kg (72.8 lbs) (with a diameter of about 1.5 mm (1/16")).

- Keep the safety holder out of reach of children to prevent swallowing.
- Keep the screws out of reach of children to prevent swallowing.
- Keep the wall mount brackets out of reach of children to prevent swallowing.

Safety precautions

Professional installation is required. The installation should never be done by any other than a qualified installation specialist. PANASONIC DISCLAIMS ANY PROPERTY DAMAGE AND/OR SERIOUS INJURY, INCLUDING DEATH RESULTING FROM IMPROPER INSTALLATION OR INCORRECT HANDLING.

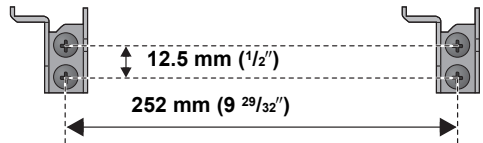
- Be sure to install this unit as indicated within this Owner’s Manual.

Wall mount instructions

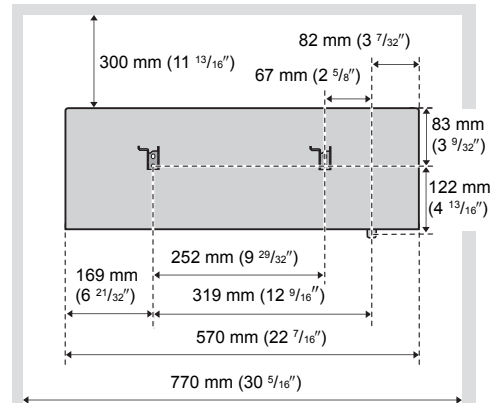
Before installation, turn the unit off and disconnect the AC power supply cord from the AC outlet.

- 1 Measure and mark the position of the wall mount brackets (Both sides).
↳ Use figures below to identify the screwing positions.

The position to attach the wall mount brackets

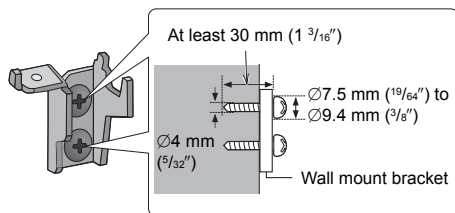


Space required



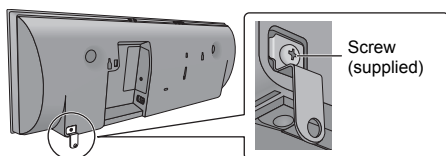
2 Attach the wall mount bracket to the wall with 2 screws (not supplied). (Both sides)

- Use a level to ensure both wall mount brackets are level.

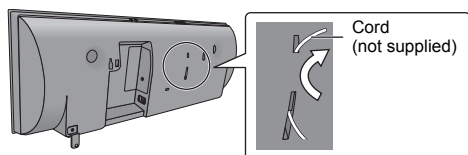


3 Fix the safety holder onto the unit with the screw (supplied).

- ↳ Screw tightening torque: 50 N•cm (0.4 lbf•ft) to 70 N•cm (0.5 lbf•ft).

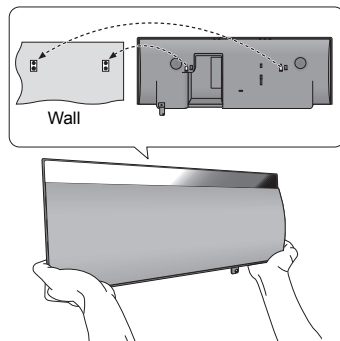


4 Attach the fall prevention cord (not supplied) to this unit.



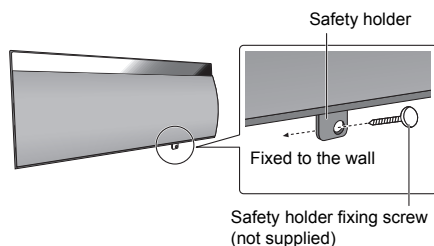
5 Hook the unit securely onto the wall mount brackets with both hands.

- Connect the AC power supply cord to the unit before hanging the unit onto the wall. (→ 6)
- After hanging the unit, release your hands carefully to confirm the unit sits securely on the wall.



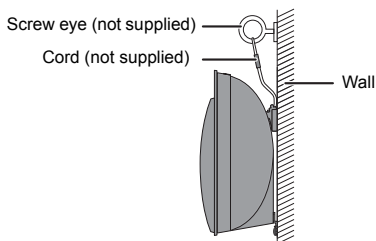
6 Drive the safety holder fixing screw (not supplied) to secure the safety holder onto the wall.

- Refer to step 2 for requirements before screwing.



7 Attach the fall prevention cord (not supplied) to the wall.

- Make sure that the slack of the cord is minimal.



Specifications

■ GENERAL

Power consumption	14 W
Power consumption in standby mode	Approx. 0.1 W
Power consumption in standby mode (With "NET STNBY" set to "ON")	Approx. 4.0 W
Power supply	AC 120 V, 60 Hz

Dimensions (W×H×D)

570 mm×206 mm×100 mm
(22 7/16"×8 1/8"×3 15/16")

Mass (Weight) Approx. 2.8 kg (6.17 lbs)

Operating temperature range

0 °C to +40 °C (+32 °F to +104 °F)

Operating humidity range

35 % to 80 % RH (no condensation)

■ AMPLIFIER SECTION

RMS Output Power Stereo mode

Front Ch (both ch driven)

20 W per channel (6 Ω),
1 kHz, 10 % THD

Total RMS Stereo mode power

40 W

FTC Output Power Stereo mode

Front Ch (both ch driven)

15 W per channel (6 Ω),
20 Hz to 20 kHz, 1 % THD

Total FTC Stereo mode power

30 W

■ SPEAKER SECTION

Type 2 way, 2 speaker system (Bass reflex)

Speaker unit(s)

1. Woofer 8 cm (3 1/8")×1 per channel

2. Tweeter 2.5 cm (1")×1 per channel

Impedance

6 Ω

Output sound pressure

83.5 dB/W (1 m (3.3 ft))

Frequency range

52 Hz to 25 kHz (−16 dB),
75 Hz to 22 kHz (−10 dB)

■ Wi-Fi/AirPlay SECTION

Wi-Fi

WLAN Standards IEEE802.11b/g

Frequency range 2.4 GHz band

Security WEP (64 bit/128 bit), WPA™, WPA2™

WPS version Version 2.0 (WEP not support)

■ TERMINALS SECTION

AUX Terminal

Stereo, Ø3.5 mm (1/8") jack

■ BLUETOOTH SECTION

Version

Bluetooth® Ver.2.1 +EDR

Output

Class 2 (2.5 mW)

Communication distance

About 10 m (33 ft)*

Communication method

2.4 GHz band FH-SS

Correspondence profile

A2DP

* Prospective communication distance

Measurement environment:

Temperature 25 °C (77 °F) / Height 1 m (3.3 ft)

Measure in "MODE 1"



- Specifications are subject to change without notice. Mass and dimensions are approximate.
- Total harmonic distortion is measured by a digital spectrum analyzer.

Licenses



AirPlay, the AirPlay logo, iPad, iPhone, iPod, and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries.



The Wi-Fi CERTIFIED Logo is a certification mark of the Wi-Fi Alliance.

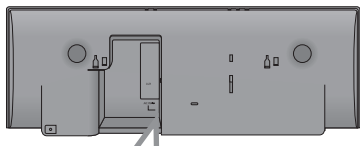
The Wi-Fi Protected Setup Mark is a mark of the Wi-Fi Alliance. "Wi-Fi", "Wi-Fi Protected Setup", "WPA" and "WPA2" are marks or registered marks of the Wi-Fi Alliance.

MPEG Layer-3 audio coding technology licensed from Fraunhofer IIS and Thomson.

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Conexiones

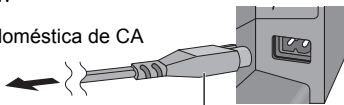


Conecte el cable de alimentación de CA.

Esta unidad consume poca corriente CA incluso cuando se encuentra apagada.

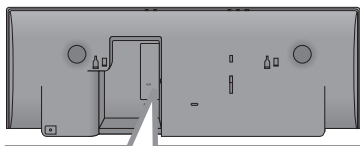
- Para ahorrar energía, si no va a usar esta unidad durante un período prolongado de tiempo, puede desconectarla.
- Consumo de energía en Standby (modo de espera): Aprox. 0,1 W

A la toma doméstica de CA



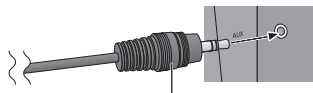
Cable de suministro de energía CA (suministrado)

Conexión Adicional



Conecte un dispositivo externo de música (para el modo AUX).

- 1 Enchufe el cable de audio (no suministrado) en el AUX conector.
 - Tipo de enchufe: $\varnothing 3,5$ mm ($1/8$ " estéreo
- 2 Presione [Ⓚ, AUX] topara seleccionar "AUX" y comenzar a reproducir en el dispositivo conectado.
 - Desconecte el ecualizador o baje el volumen de sonido del dispositivo externo para reducir la señal de entrada. Un nivel alto de la señal de entrada distorsionará el sonido.
 - Para mayores detalles, consulte el manual de instrucciones del otro equipo.
 - No se proporcionan cables ni dispositivos.



Cable de audio (no suministrado)

■ Para seleccionar el nivel de entrada de sonido del dispositivo externo

- 1 Mientras está en modalidad "AUX", pulse [PLAY MENU] repetidamente para seleccionar "INPUT LEVEL" y luego pulse [OK].
- 2 Presione [▲, ▼] para seleccionar "NORMAL" o "HIGH".

Operaciones Bluetooth®

Al usar la conexión Bluetooth®, puede escuchar el sonido desde el dispositivo de audio Bluetooth® desde este aparato, de forma inalámbrica.

- Consulte las instrucciones de funcionamiento del dispositivo Bluetooth® para obtener más detalles.

Dispositivos Bluetooth® de sincronización

Preparación

- Encienda la función Bluetooth® del dispositivo y coloque el dispositivo cerca de este aparato.
- Si este aparato ya está conectado a un dispositivo Bluetooth®, desconéctelo.

- 1 Pulse [Ⓚ, AUX] para seleccionar "BLUETOOTH".
 - Si se indica "PAIRING" en la pantalla, vaya al paso 3.
- 2 Presione [PLAY MENU] para seleccionar "NEW DEV." y luego presione [OK].
 - ↳ "PAIRING" se indica en la pantalla.
- 3 Seleccione "SC-NE3" desde el menú Bluetooth® del dispositivo Bluetooth®.
- 4 Inicie la reproducción en el dispositivo Bluetooth®.



- Si se le solicita la contraseña, ingrese "0000".
- Puede registrar hasta 8 dispositivos con este aparato. Si se sincroniza un 9no dispositivo, se reemplazará el dispositivo que no se usó por más tiempo.

Conexión de un dispositivo Bluetooth® sincronizado

Preparación

- Encienda la función Bluetooth® del dispositivo y coloque el dispositivo cerca de este aparato.
- Si este aparato ya está conectado a un dispositivo Bluetooth®, desconéctelo.

- 1 Pulse [Ⓚ, AUX] para seleccionar "BLUETOOTH".
 - ↳ "READY" se indica en la pantalla.
- 2 Seleccione "SC-NE3" desde el menú Bluetooth® del dispositivo Bluetooth®.
 - ↳ El nombre del dispositivo conectado se indica en la pantalla durante 2 segundos.
- 3 Inicie la reproducción en el dispositivo Bluetooth®.



- Esta unidad se puede conectar solamente a un dispositivo por vez.
- Cuando se selecciona "BLUETOOTH" como fuente, este aparato intentará conectarse automáticamente con el último dispositivo conectado Bluetooth®.
- El dispositivo Bluetooth® se desconectará si se selecciona "AUX" como fuente de audio.

Desconexión del dispositivo Bluetooth®

- 1 Mientras se conecta un dispositivo Bluetooth®: Pulse [PLAY MENU] para seleccionar "DISCONNECT?".
- 2 Presione [▲, ▼] para seleccionar "OK? YES" y luego presione [OK].

Limited Warranty (ONLY FOR U.S.A. AND PUERTO RICO)

Panasonic Consumer Marketing Company of North America,
Division of Panasonic Corporation of North America
One Panasonic Way, Secaucus, New Jersey 07094

Panasonic Products Limited Warranty

Limited Warranty Coverage (For USA and Puerto Rico Only)

If your product does not work properly because of a defect in materials or workmanship, Panasonic Consumer Marketing Company of North America (referred to as "the warrantor") will, for the length of the period indicated on the chart below, which starts with the date of original purchase ("warranty period"), at its option either (a) repair your product with new or refurbished parts, (b) replace it with a new or a refurbished equivalent value product, or (c) refund your purchase price. The decision to repair, replace or refund will be made by the warrantor.

Product or Part Name	Parts	Labor
Wireless Speaker System	1 Year	1 Year
All included Accessories (Except Non-Rechargeable Batteries)	90 Days	Not Applicable
Only Non-Rechargeable Batteries	10 Days	Not Applicable

During the "Labor" warranty period there will be no charge for labor. During the "Parts" warranty period, there will be no charge for parts. This Limited Warranty excludes both parts and labor for non-rechargeable batteries, antennas, and cosmetic parts (cabinet). This warranty only applies to products purchased and serviced in the United States or Puerto Rico. This warranty is extended only to the original purchaser of a new product which was not sold "as is".

Mail-In Service

For assistance in the U.S.A. and Puerto Rico in obtaining repairs, please ship the product prepaid to:

Panasonic Exchange Center
4900 George McVay Drive
Suite B
McAllen, TX 78503
panacare@us.panasonic.com

Online Repair Request

To submit a new repair request and for quick repair status visit our Web Site at www.panasonic.com/repair.

When shipping the unit, carefully pack, include all supplied accessories listed in the Owner's Manual, and send it prepaid, adequately insured and packed well in a carton box. When shipping Lithium Ion batteries please visit our Web Site at www.panasonic.com/BatteryHandling as Panasonic is committed to providing the most up to date information. Include a letter detailing the complaint, a return address and provide a daytime phone number where you can be reached. A valid registered receipt is required under the Limited Warranty.

IF REPAIR IS NEEDED DURING THE WARRANTY PERIOD, THE PURCHASER WILL BE REQUIRED TO FURNISH A SALES RECEIPT/ PROOF OF PURCHASE INDICATING DATE OF PURCHASE, AMOUNT PAID AND PLACE OF PURCHASE. CUSTOMER WILL BE CHARGED FOR THE REPAIR OF ANY UNIT RECEIVED WITHOUT SUCH PROOF OF PURCHASE.

Limited Warranty Limits And Exclusions

This warranty ONLY COVERS failures due to defects in materials or workmanship, and DOES NOT COVER normal wear and tear or cosmetic damage. The warranty ALSO DOES NOT COVER damages which occurred in shipment, or failures which are caused by products not supplied by the warrantor, or failures which result from accidents, misuse, abuse, neglect,

mishandling, misapplication, alteration, faulty installation, set-up adjustments, misadjustment of consumer controls, improper maintenance, power line surge, lightning damage, modification, introduction of sand, humidity or liquids, commercial use such as hotel, office, restaurant, or other business or rental use of the product, or service by anyone other than a Factory Service Center or other Authorized Servicer, or damage that is attributable to acts of God.

THERE ARE NO EXPRESS WARRANTIES EXCEPT AS LISTED UNDER "LIMITED WARRANTY COVERAGE".

THE WARRANTOR IS NOT LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT, OR ARISING OUT OF ANY BREACH OF THIS WARRANTY. (As examples, this excludes damages for lost time, travel to and from the servicer, loss of or damage to media or images, data or other memory or recorded content. The items listed are not exclusive, but for illustration only.)
ALL EXPRESS AND IMPLIED WARRANTIES, INCLUDING THE WARRANTY OF MERCHANTABILITY, ARE LIMITED TO THE PERIOD OF THE LIMITED WARRANTY.

Some states do not allow the exclusion or limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the exclusions may not apply to you.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state. If a problem with this product develops during or after the warranty period, you may contact your dealer or Service Center. If the problem is not handled to your satisfaction, then write to the warrantor's Consumer Affairs Department at the addresses listed for the warrantor.

PARTS AND SERVICE, WHICH ARE NOT COVERED BY THIS LIMITED WARRANTY, ARE YOUR RESPONSIBILITY.

Customer Services Directory (United States and Puerto Rico)

Obtain Product Information and Operating Assistance; locate your nearest Dealer or Service Center; purchase Parts and Accessories; or make Customer Service and Literature requests by visiting our Web Site at:

<http://www.panasonic.com/help>

or, contact us via the web at:

<http://www.panasonic.com/contactinfo>

You may also contact us directly at:

1-800-211-PANA (7262)

Monday-Friday 9am-9pm,

Saturday-Sunday 10am-7pm EST

For hearing or speech impaired TTY users, TTY: 1-877-833-8855

Accessory Purchases (United States and Puerto Rico)

Purchase Parts, Accessories and Instruction Books online for all Panasonic Products by visiting our Web Site at:

<http://www.pstc.panasonic.com>

Or, send your request by E-mail to:

npcparts@us.panasonic.com

You may also contact us directly at:

1-800-332-5368 (Phone) 1-800-237-9080 (Fax Only)

(Monday-Friday 9am-9pm EST)

Panasonic National Parts Center

20421 84th Ave S., Kent, WA 98032

(We accept Visa, MasterCard, Discover Card, American Express)

For hearing or speech impaired TTY users, TTY: 1-866-605-1277

As of October 2012

User memo:

DATE OF PURCHASE _____

DEALER NAME _____

DEALER ADDRESS _____

TELEPHONE NUMBER _____

The model number and serial number of this product can be found on either the back or the bottom of the unit.

Please note them in the space provided below and keep for future reference.

MODEL NUMBER SC-NE3

SERIAL NUMBER _____

ENGLISH

ESPAÑOL

THE FOLLOWING APPLIES ONLY IN THE U.S.A.

FCC Note:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Any unauthorized changes or modifications to this equipment would void the user's authority to operate this device.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Responsible Party:

Panasonic Corporation of North America
One Panasonic Way,
Secaucus, NJ 07094

Support Contact:

Panasonic Consumer Marketing Company of
North America
Telephone No.: 1-800-211-PANA (7262)

THE FOLLOWING APPLIES IN THE U.S.A. AND CANADA

This device complies with Part 15 of FCC Rules and RSS-Gen of IC Rules.

Operation is subject to the following two conditions:

- (1) This device may not cause interference, and
- (2) this device must accept any interference, including interference that may cause undesired operation of this device.

FCC ID: ACJ-SB-NE5

IC: 216A-SBNE5

This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

This equipment complies with FCC/IC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines in Supplement C to OET65 and RSS-102 of the IC radio frequency (RF) Exposure rules. This equipment has very low levels of RF energy that is deemed to comply without maximum permissive exposure evaluation (MPE). But it is desirable that it should be installed and operated keeping the radiator at least 20 cm (7 7/8") or more away from person's body (excluding extremities: hands, wrists, feet and ankles).



As an ENERGY STAR® Partner,* Panasonic has determined that this product meets the ENERGY STAR® guidelines for energy efficiency.

*For Canada only: The word "Participant" is used in place of the word "Partner".



Panasonic Consumer Marketing
Company of North America,
Division of Panasonic Corporation of
North America
One Panasonic Way, Secaucus,
New Jersey 07094
<http://www.panasonic.com>

Panasonic Canada Inc.
5770 Ambler Drive
Mississauga, Ontario,
L4W 2T3
www.panasonic.ca

